

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate report year generation study for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

**California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025**

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Santee		San Diego	
Authorized Signature		Title	
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)		Title	
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2003
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
<p>The proposed generation study is representative of the City of Santee's average annual jurisdiction disposal and diversion. It includes solid waste and recycling tonnage from the City's only franchised waste hauler (Waste Management), diversion efforts from regional and national manufacturing operations, general commercial recycling programs and reduction of disposal for regional Caltrans projects, fire disaster debris and misreported auto processor tonnage. Further, this study has identified the negative impact that misreported or misrecorded self-haul material to the nearby Sycamore landfill has had on the City of Santee's diversion efforts.</p>	

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 37 %	Diversion rate calculated using new generation-based study	b. 52%
For existing base year pounds/person/day based on generation	7.53	For new generation based study pounds/person/day based on generation	12.35
Existing base year: Residential generation 28 % Non-Residential generation 72 %		New generation based study: Residential generation 13 % Non-Residential generation 87 %	
Population existing generation-based study	52,902	Population new generation-based study	53,800

5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.

The City of Santee began their recycling programs in 1990. Programs include curbside recycling, residential yardwaste, multi-family, commercial mixed paper programs, industrial wood waste recovery and inerts. In 1994 the residential collection programs converted to a pay-as-you-throw automated cart system for trash, single-stream recyclables and yardwaste. Through these efforts they did exceed the 1995 goal of 25% in reporting a 39% diversion rate; in turn, soaring to a 52% diversion rate in 1996. However, their diversion rate dropped significantly thereafter and research has shown that several factors contributed to this decline: (1) sale of the County landfill system to Allied Waste in the 3rd quarter of 1997, (2) proximity of landfill to Santee causes misreporting and (3) a multi-year regional Caltrans project. See Attachment 1 for further details.

6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, If your pounds per person is over the state average of 11.2 pounds, please explain why.

As noted above and in Attachment 1, the City of Santee believes that a portion of their increase directly relates to a change in the K-Factor weights used on self-haul materials to the nearby Sycamore Landfill. Further, as a jurisdiction with a growing Commercial and Industrial sector that is home to numerous manufacturers, the Non-Residential generation has increased over the Residential generation. Several large commercial center developments have been completed and opened within the last 3 years which increased disposal through the deconstruction, renovation and opening stages of the projects. New large commercial tenants to these centers include: Target, Barnes & Noble, Old Navy, TJ Maxx and several restaurants.

Board Meeting
Section III - Disposal and Diversion Information
May 11, 2009

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Attachment 2b

1. Disposal Tonnage (enter values):	12633	45999	58632
	Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

- ☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Number 2.)
- ☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new base year study.)
- ☒ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new base year study.)

2. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition and percentage calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal,] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment 4a.

(Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.

Please use the Board's program types from the online glossary at:

<http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm>

Diversion Activity	Actual tons	Percent of Total Generation	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting	0	0%			
Grasscycling	0	0%			
Other Residential Source Reduction (list each program separately)					
Enter program name	0	0%			
Enter program name	0	0%			
Enter program name	0	0%			
Enter program name	0	0%			
Enter program name	0	0%			
Subtotal, Residential Source Reduction	0	0%			
Residential Recycling Activities					
Curbside Recycling	4969	4%	Glass, Plastic (#1 & #2), Aluminum and Tin food and beverage containers; Newspaper; OCC; Mixed Paper	Actual Tons	Report per Franchised Hauler
Buyback Centers	211	0%	CRV Glass, Plastic, Aluminum	Actual Tons	Report per California Dept. of Conservation - Division of Recycling
Drop-off Centers	0	0%			

Diversion Activity	Actual tons	Percent of Total Generation	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
	(A)	(A/Total Generation)			
Please use the Board's program types. The program type glossary is online at: www.ciwmf.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Other Residential Recycling (list each program separately)					
Enter program name	0	0%			
Enter program name	0	0%			
Enter program name	0	0%			
Enter program name	0	0%			
Enter program name	0	0%			
Subtotal, Residential Recycling	5180	4%			
Residential Composting Activities					
Green Waste Drop-off	0	0%			
Curbside Green Waste	1111	1%	Grass, Shrub/Tree Trimmings, Christmas Trees	Actual Tons, See Attachment A (yardwaste goes to ADC & Biomass)	Report per Franchised Hauler
Christmas Tree Program	0	0%	Collected with Green Waste		
Other Residential Composting (list each program separately)					
Landfill Beneficial Reuse - erosion control	549	0%	Shredded wood and yardwaste	Actual Tons	Report to County of San Diego by Sycamore & Otay Landfills
Enter program name					
Enter program name	0	0%			
Enter program name	0	0%			
Enter program name	0	0%			
Subtotal, Residential Composting	1660	1%			
Subtotal, Residential Diversion	6840	6%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits	800	1%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Source Reduction (list each program separately)					
Municipal Grasscycling	234	0%	Grasscycling of lawn clippings	Actual acreage: 154.59 @ 7.6 tons/acre/year	Acreage provided by City of Santee
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	1034	1%			

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Attachment 2b

Actual tons	Percent of Total Generation	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include e.g., w/with submittal)
(A)	(A/Total Generation)			
Please use the Board's program types. The program type glossary is online at: www.ciwmh.ca.gov/LGCentral/Paris/Codes/Reduce.htm				
Non-Residential Recycling Activities:				
Non-Residential Waste Audits	36792	30%	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Recycling (list each program separately)				
Franchise Hauler Commercial Recycling	715	1%	OCC and Mixed Paper	Actual Tons
City Streets Asphalt Recycling	6293	5%	Asphalt	Actual tons, 3 Years of tonnage were averaged. (4,800+10,520+480)/3 = 5,267
Enter program name	0	0%		
Enter program name	0	0%		
Enter program name	0	0%		
Subtotal Non-Residential Recycling	43800	36%		
Non-Residential Composting Activities				
Non-Residential Waste Audits	311	0%	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Composting (list each program separately)				
Franchise Hauler Wood Waste Collection	0	0%	Wood and Wood Shavings	See Attachment A, tonnage is sent to Biomass Facility
Municipal Landscaping	188	0%	Grass, Shrub/Tree Trimmings	Actual Tons
Enter program name	0	0%		
Enter program name	0	0%		
Enter program name	0	0%		
Subtotal Non-Residential Composting	499	0%		
Subtotal Non-Residential Diversion	45333	37%		
Other Waste Material Activities				
(Note: If you are unable to provide the actual residential/non-residential split, please provide your best estimates of the split in each program type or put all the diversion under non-residential.)				
Residential				
ADC	6711	6%	Yard and wood waste materials	Actual Tons, See Attachment A
Sludge (must submit sludge cert form)	0	0%		
Scrap Metal	0	0%		
Construction and Demolition	0	0%		
Landfill Salvage	0	0%		
Other (e.g., ag waste)	0	0%		
Subtotal Residential Waste	6711	6%		
Non-Residential				
ADC	3722	3%	Yard and wood waste materials	Actual Tons, See Attachment A
Sludge (must submit sludge cert form)	0	0%		
Scrap Metal	0	0%		
Construction and Demolition	0	0%		
Landfill Salvage	0	0%		
Other (e.g., ag waste)	0			
Subtotal Non-Residential Waste	3722	3%		

Diversion Activity	Actual tons	Percent of Total Generation	Specific Material Type(s) (List program w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submission)
	(A)	(A/Total Generation)			
Please use the Board's program types. The program type glossary is online at: www.ciwrmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Subtotal Residential/Non-Residential Other Waste	10433	9%			
Total Residential/Non-Residential Source Reduction Tons	1034	1%			
Total Diversion Tons	62606	52%			
Total Disposal Tons from Number 1	58632	48%			
Total Generation Tons (Div+Dis)	121238				
NEW GENERATION STUDY					
DIVERSION RATE	52%				
Additional Information for Report Year Calculations - Biomass and Transformation Activities (Note: you cannot claim both biomass and transformation.)					
Biomass (must submit biomass cert form and must be 10% or less-- use the calculator to calculate)	4443	4%			
Transformation	0	0%			
Report Year Diversion Rate with Biomass or Transformation Credit	55%				

Section IV - Specific Non-Residential Sector Waste Audits**1. Top 10 Non-Residential Generators**

Please complete this table for the top ten non-residential businesses that were surveyed. Use the business type in lieu of the specific business name (e.g., grocery store vs. Safeway) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must correlate to the Section V spreadsheet.

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section III)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
Manufacturer 1	1	concrete block material		30888		30888	25.5%	P & O
City Streets	2	asphalt		6293		6293	5.2%	P
Manufacturer 2	3	concrete product materials		2478		2478	2.0%	P
Recycler 1	4	cardboard, office paper, used equipment, plastic wrap, steel and wood scrap	19	577	311	907	0.7%	P
Retailer 1	5	cardboard, office paper, used equipment, plastic wrap, steel and wood scrap		786		786	0.6%	P
Golf Course	6	grasscycling	646			646	0.5%	P
Retailer 2	7	cardboard		635		635	0.5%	P
Retailer 3	8	cardboard		413		413	0.3%	P
Manufacturer 3	9	plastic, cardboard		314		314	0.3%	P
Retailer 4	10	cardboard		226		226	0.2%	P
Totals			665	42610	311	43586	36.0%	

Also complete Section V which includes all of the businesses surveyed. Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses **must** be included as an attachment.

Section V - Non-Residential Generator Audit Diversion Spreadsheet							
Worksheet is unlocked to allow modification (e.g., , adding ten rows and a subtotal row to the table for each generator). If you have any questions, please contact your OLA Representative at (916 341-6199).							
Non-Residential Generator Audit Diversion							
Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
#1	Manufacturer	concrete block	Actual Weight		30,888		30888
Subtotal -				0	30888	0	30888
#2	City Streets	Asphalt	Actual Weights for 2001, 2002, 2003 were used and an average over three years was determined to be 5,267 tons. Tonnage not listed here to prevent double counting, as it is listed separately in Section III.	0	0		
Subtotal -				0	0		
#3	Manufacturer	concrete materials	Actual Weight for 2003. Conversion was used, based on sales numbers in 1990 vs. sales numbers in 2003, to determine allowable tonnage.		2,478		2478
Subtotal -				0	2,478	0	2478
#4	Recycler	cardboard	Actual Weight		497		497
		plastic	Actual Weight		19		19
		rendering	Actual Weight		61		61
		produce	Actual Weight			311	311
		bakery products	Estimation based on store calcs	19			19
Subtotal -				19	577	311	907
#5	Retailer	cardboard	Actual Weight		540		540
		office paper	Actual Weight		12		12
		plastic wrap	Actual Weight		36		36
		steel & wood scrap	Actual Weight		192		192
		old equipment	Actual Weight		6		6
Subtotal -				0	786	0	786
#6	Golf Course	grass	Conversion Factor: CIWMB 7.6 tons/acre/year x 85 acres	646			646
Subtotal -				646	0	0	646
#7	Retailer	cardboard	Actual Weight, provided in phone conversation w/ comm'l recycler based in Torrance		635		635

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
Subtotal -				0	635	0	635
#8	Retailer	cardboard & mixed paper	Conversion Factor: Baler type is Philadelphia Tramrail 3400HD; per baler manuf. chart sent by CIWMB OLA staff bales wts for this model are 1,000 to 1,300 lbs. Per retailer staff ave of 14 bales/wk x 1,000lbs x 52wks = 728,000lbs/2000 = 364 tons		364 413		
Subtotal -				0	0	0	
#9	Manufacturer	cardboard	Collected weekly by pallet delivery company, estimated 200-300lbs/wk. 300 x 52wks=15,600lbs.		-8 28		
		plastic	Average of weekly collections by plastics supplier, estimated 10,000-12,000lbs/wk. 11,000 x 52wks = 572,000 lbs		286		286
Subtotal -				0	286	0	286
#10	Retailer	cardboard	Conversion: Fox 60 Baler. According to Alan Ross Machinery bales ave 700-900lbs. Average of 10 bales/week x 800lbs x 52wks = 416,000lbs = 208 tons		260 226		
Subtotal -				0	0	0	
#11	Grocery	cardboard	Actual Weights		189		189
		plastics	Actual Weights		2		2
		food donations	Estimation based on store calcs	6			6
		rendering	Actual Weights		5		5
Subtotal -				6	196	0	202
#12	School District	mixed paper	Actual Weights		116		116
Subtotal -				0	116	0	116
#13	Mail Distribution Center	mixed paper	Conversion: per Recycling Services Inc. ave hamper weight is 350lbs. 2 days/wk x 2.5 hmprs x 350lbs x 52 wks = 91,000lbs (45.5 tons) 4 days/wk x 1 hmpr x 350 x 52wks = 72,800lbs (36.4 tons) 2 days/wk Penny Saver and ADVO coupon discount advertisements are distributed.		82		82
Subtotal -				0	82	0	82
#14	Correctional Facility	grasscycling	10 acres @ 7.6 tons/ac/yr	76			76

Non residential Generator Survey/Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons	
Subtotal -				76	0	0	76	
#15	Care Facility	grasscycling	7 acres @ 7.6 tons/ac/yr	53			53	
Subtotal -				53	0	0	53	
#16	Retailer	cardboard	Conversion: "column" of three gaylords with flattened cardboard, per recycling facility ave wt. 230 lbs. 8 "columns"/wk x 230lbs x 52 wks = 95,680lbs (47.8 tons)		48		48	
Subtotal -				0	48	0	48	
#17	Retailer	cardboard	Ave bale wt 500lbs. 2-3 bales/wk 2.5 bales x 500 x 52wks = 65,000lbs (32.5 tons)		33		33	
Subtotal -				0	33	0	33	
Grand Total				800	36,767	36,792	311	1,111

May 11, 2005

Attachment 2b

Section VI - Restricted Waste

For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program or generator, please provide the following information:

1. If the diversion program started on or after January 1, 1990, complete the following table.

Note: Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.") Please input the complete program name with business type if appropriate.

Restricted Waste Type	Audit Reference Number	Specific Program Name	Year Started	Tonnage
Inert Solids ▼	1	Concrete Block Manufacturer	1991	30888
Inert Solids ▼	2	Diversion conducted by City Streets Dept	1990	6293
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

2. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

____ (Date)

If documentation is not available, go to Number 4.

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

4. If the diversion program started before January 1, 1990, and the documentation requested in Sect.VI.2 is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation. The 1990 tonnage must be substantiated.

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Inert Solids ▼	3	Concrete Products Manuf	3304	826	2478
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					